FORM PTO-1449 (REV. 7-85) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

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OIPE JUN 23 2005 PATENT & TRADEMARK OFFICE

ATTY. DOCKET NO. 70149USNP
APPLICATION NO. 10/680,824
APPLICANT BOUDREAU et al.
FILING DATE: October 7, 2003
Confirmation No. 5374
Group Art Unit: 1638

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
ARC	AB	WO 01/68826 A2	9/20/2001	WIPO	C12N	15/00	☐	☐

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

ARC	AC	Kindle et al., *Engineering the Chloroplast Genome: Techniques and Capabilities for Chloroplast Transformation in Chlamydomonas Reinhardtii.* Proc. Natl. Acad. Sci. March 1991, Vol. 88, 1721-1725
	AD	
	AE	
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ARK	AA	2002/0073443	6/13/2002	Heifetz et al	800/278		12/6/2000
	AB	2002/0042934	04/11/2002	Staub et al.	800/300	300	4/25/2001
	AC	5,451,513	9/19/1995	Maliga et al	800/278	435/320.1	8/25/1993
	AD	6,084,155	6/4/2000	Volrath et al	800/300	435/320.1	6/22/1998
ARK	AE	6,362,398	3/26/2002	Heifetz et al	800/298	435/320.1	3/10/1999

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
ARK	AF	WO 97/32977	12/09/1997	WIPO	C12N 15/00	C12N 15/63	☐	☐
	AG	WO 00/20612	4/13/2000	WIPO	C12N 15/82	C07K 14/415	☐	☐
	AH	WO 00/39313	7/6/2000	WIPO	C12N 15/82		☐	☐
	AI	WO 03/054189	7/3/2003	WIPO	C12N 15/00		☐	☐
	AJ	WO 03/054201	7/3/2003	WIPO	C12N 15/82		☐	☐
ARK	AK	WO 03/060137	7/24/2003	WIPO	C12N 15/82		☐	☐

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ARK	AL	Bock, R., *Transgenic Plastids in Basic Research and Plant Biotechnology* *Journal of Molecular Biology*, Vol. 312 (2001), pp. 425-438.
	AM	Bogorad, L., *Engineering chloroplasts: an alternative site for foreign genes, proteins, reactions and products* *Trends in Biotechnology*, Vol. 18 (2000), pp. 257-263.
	AN	Boudreau et al., *A large open reading frame (orf1995) in the chloroplast DNA of Chlamydomonas reinhardtii encodes an essential protein* Molecular and General Genetics, Vol. 253 (1997), pp. 649-53
	AO	Boynton et al., *Chloroplast transformation in Chlamydomonas with high velocity microprojectiles* *Science*, Vol. 240 (1988), pp. 1534-1537
ARK	AP	Carrer et al., *Targeted insertion of foreign genes into the tobacco plastid genome without physical linkage to the selectable marker gene* *Biotechnology*, Vol. 13 (1995) pp. 791-794

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	AQ	Carrer et al., *Kanamycin resistance as a selectable marker for plastid transformation in tobacco* *Molecular and General Genetics* Vol. 241 (1993), pp. 49-56.
	AR	Corneille et al., *Efficient elimination of selectable marker genes from the plastid genome by the CRE-lox site-specific recombination system* *The Plant Journal*, Vol. 27 (2001) pp. 171-179
	AS	Daniell et al., *Containment of herbicide resistance through genetic engineering of the chloroplast genome* *Nature Biotechnology*, Vol. 16 (1998) pp. 345-348.
	AT	Daniell et al., *Marker free transgenic plants: engineering the chloroplast genome without the use of antibiotic selection* *Current Genetics*, Vol. 39 (2001) pp. 109-116
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	AW	Fischer et al., *Selectable marker recycling in the chloroplast* *Molecular and General Genetics*, Vol. 251, (1996) pp. 373-80.
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	AZ	Hou et al., *Chloroplast transformation in oilseed rape* *Transgenic Research*, Vol. 12 (2003), pp. 111-114
	BA	Huang et al., *The Chlamydomonas chloroplast clpP gene contains translated large insertion sequences and is essential for cell growth* *Molecular and General Genetics*, Vol. 244 (1994) pp. 151-9
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	BC	Knoblauch et al., *A galinstan expansion femtosyringe for microinjection of eukaryotic organelles and prokaryotes* *Nature Biotechnology*, Vol. 17 (1999), pp. 906-909.
	BD	Kofer et al., *PEG-mediated plastid transformation in higher plants* *In Vitro Cellular and Developmental Biology – Plant*, Vol. 34 (1998), pp. 303-309

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	BE	Koop et al., *Integration of foreign sequences into the tobacco plastome via polyethylene glycol-mediated protoplast transformation* *Planta*, Vol. 199 (1996), pp. 193-201
	BF	Lapidot et al., *Stable chloroplast transformation of the unicellular red alga Porphyridium species* *Plant Physiology*, Vol. 129 (2002), pp. 7-12
	BG	Lutz et al., *Expression of bar in the Plastid Genome Confers Herbicide Resistance* *Plant Physiology*, Vol. 125 (2001), pp. 1585-1590
	BH	O'Neill et al., *Chloroplast transformation in plants: polyethylene glycol (PEG) treatment of protoplasts is an alternative to biolistic delivery systems* *Plant Journal*, Vol. 3 (1993), pp. 729-738
	BI	Ruf et al.,*Stable genetic transformation of tomato plastids and expression of a foreign protein in fruit* *Nature Biotechnology*, Vol. 19 (2001) pp. 870-875
	BJ	Shikanai et al., *The chloroplast clpP gene, encoding a proteolytic subunit of ATP-dependent protease, is indispensable for chloroplast development in tobacco* *Plant Cell Physiology*, Vol. 42 (2001), pp. 264-73
	BK	Sidorov et al., *Stable chloroplast transformation in potato: use of green fluorescent protein as a plastid marker* *The Plant Journal*, Vol. 19(2) (1999), pp. 209-216
	BL	Sikdar et al., *Plastid transformation in Arabidopsis thaliana* *Plant Cell Reports*, Vol. 18 (1991), pp. 20-24
	BM	Skarjinskaia et al., *Plastid Transformation in Lesquerella Fendleri, an Oilseed Brassicacea* *Transgenic Research*, Vol. 12 (2003), pp. 115-122
	BN	Staub, J. and Maliga, P., *Long Regions of Homologous DNA Are Incorporated into the Tobacco Plastid Genome by Transformation* *The Plant Cell*, Vol. 4 (January 1992), pp. 39-45
	BO	Svab, et al, *High-frequency plastid transformation in tobacco by selection for chimeric aadA gene* *Proceedings of the National Academy of Science*, USA, Vol. 90 (1993), pp. 913-17
	BP	Svab et al., *Stable Transformation of Plastids in Higher Plants* *Proceedings of the National Academy of Science, USA*, Vol. 87 (1990) pp. 8526-8530
	BQ	Ye et al., *Persistence of Unselected Transgenic DNA during a Plastid Transformation and Segregation Approach to Herbicide Resistance* *Plant Physiology*, Vol. 133 (2003), pp. 402-410
	BR	Ye et al., *Plastid-expressed 5-enolpyruvylshikimate-3-phosphate synthase genes provide high level glyphosate tolerance in tobacco* *The Plant Journal*, Vol. 25(3) (2001), pp. 261-270

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